CLAIMS

1.   A method of establishing access from a terminal to a server which is in non-permanent connection to the server comprising the steps of:

establishing a connection between the terminal and the server;

carrying out an authentication process;

allowing access to the server upon positive authentication;

sending data for the requested server from the terminal to the server; and

sending the data for the requested server before or in parallel with the authentication process so that the server may be prepared for access during the authentication process.

2.   A method according to claim 1, further comprising the step of giving access to the requested server before positive authentication.

3.   A method according to claim 1, further comprising the step of denying access to the requested server if the authentication fails.

4.   A method according to claim 1, further comprising the step of withholding access to the requested server until positive authentication when the last attempt of authentication failed.

5.   A method according to claim 3, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined time has passed since the last access.

6.   A method according to claim 3, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined number of failed authentications are registered within a predetermined period of time.

7.   A method according to claim 1, wherein the terminal is a personal computer.

8.   A method according to claim 1, wherein the server is a computer, preferably an Internet access server.

9.   A method according to claim 8, wherein the personal computer is connected to the server via a modem connected to the public telephone network and where the server is connected to the public telephone network through a modem in the form of a point of presence.

10.   A method according to claim 1, wherein the terminal is a mobile phone and the server is a cellular phone network comprising base stations for radiographic communication with the mobile phone.

11.   A terminal such as a personal computer or a mobile telephone for use with a method of establishing access from the terminal to a server which is in non-permanent connection to the server, the terminal comprising:

means such as a modem or radio transmitter/receiver for establishing connection to a server such as an Internet access server, an Internet page server or a cellular phone network;

means for providing authentication data, such as a keyboard, a memory or a smart card;

means for sending the authentication data such as user identity and/or password or mobile phone id-number to the server;

means for sending data for the requested server such as a URL address of a telephone number to the server; and

means for activating the means for sending data for the requested server before or at the same time with the means for sending the authentication data.

12.   A server such as an Internet access provider, an Internet page server or a cellular phone network comprising:

means such as an Internet access server or a base station for establishing a connection with a terminal such as a personal computer or a mobile telephone;

5   means for prompting for authentication data such as user identity and/or password;

means for carrying out an authentication process;

means for prompting for data for the requested server such as a URL address of a telephone number to the server; and

10   means for activating the means for prompting for data for the requested server before or at the same time with the means for prompting for the authentication data.

13.   A system for establishing access from a terminal to a server which is in

15   non-permanent connection to the server, the system comprising:

the terminal comprising:

means such as a modem or radio transmitter/receiver for establishing connection to a server such as an Internet access server, an Internet page server or a cellular phone network;

20   means for providing authentication data, such as a keyboard, a memory or a smart card;

means for sending the authentication data such as user identity and/or password or mobile phone id-number to the server;

means for sending data for the requested server such as a URL

25   address of a telephone number to the server; and

means for activating the means for sending data for the requested server before or at the same time with the means for sending the authentication data; and

the server comprising:

means such as an Internet access server or a base station for establishing a connection with a terminal such as a personal computer or a mobile telephone;

means for prompting for authentication data such as user identity

5 and/or password;

means for carrying out an authentication process;

means for prompting for data for the requested server such as a URL address of a telephone number to the server; and

means for activating the means for prompting for data for the

10 requested server before or at the same time with the means for prompting for the authentication data.

14. A method according to claim 4, further comprising the step of withholding access to the server before the authentication process is finished when

15 more than a predetermined time has passed since the last access.

15. A method according to claim 4, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined number of failed authentications are registered within a

20 predetermined period of time.

16. A method according to claim 5, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined number of failed authentications are registered within a

25 predetermined period of time.